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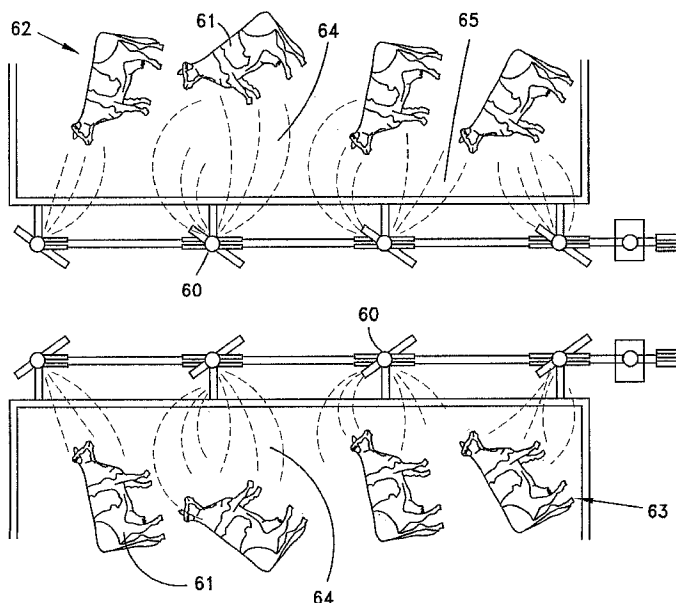
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) **Title:** DEVICE AND METHOD FOR COOLING CATTLE IN SHEDS



(57) **Abstract:** A method and apparatus is described for moistening cattle, especially cows (61), in sheds, and taking into account the effect of the wind. Rows of sprayers (60) are provided which project water sprays (64) directed toward the cattle. The sprayers may be angularly shifted to take into account the deviating effect of the wind. Processing means calculate the angular shift that is needed for the existing wind direction and intensity. All the sprayers concurrently receive the angular shift. Preferably said shift is transmitted to the first sprayer from a control station and successively from each sprayer to the next. In this way, a plurality of sprayers can be controlled even if they are not arranged in straight lines or at the same level, depending on the structure of the cattle shed.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00001

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01K 13/00

US CL : 119/665

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 119/665, 14.09, 668, 669; 239/77, 543, 556

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,443,387 A (GORDON) 17 April 1984 (17.04.1984), see the entire document.	1-25
A	US 4,476,809 A (BUNGER) 16 October 1984 (16.10.1984), column 3, lines 24-50.	1-25
A	US 5,372,305 A (BALLU) 13 December 1994 (13.12.1994), column 4, lines 20-44.	1-25
A	US 6,568,352 B2 (FRANSEN) 27 May 2003 (27.05.2003), column 2, lines 20-48.	1-25

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Date of the actual completion of the international search

16 September 2004 (16.09.2004)

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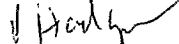
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